


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DEEPEN	5. Lease Number SF-078198 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7366 Nye 9. Well Number 17	
4. Location of Well 1860' FSL, 1110' FWL Latitude 36° 50.3, Longitude 107° 56.8	10. Field, Pool, Wildcat 73700 Calloway Gallup/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) L Sec 1, T-30-N, R-11-W API # 30-045-24871	
14. Distance in Miles from Nearest Town 2.5 miles from Aztec, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1110'	17. Acres Assigned to Well 320 W/2; 160 SW/4 320.20	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 350'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 7300'	22. Approx. Date Work will Start 2nd quarter 1996	
21. Elevations (DF, FT, GR, Etc.) 5925' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Regulatory/Compliance Administrator	Date 4/12/96	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted by Cultural Resources Management for original Gallup well

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

JUN 17 1996

DISTRICT MANAGER

Hold C-104 For NSL (E)

MAJCO

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 199
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-045-24871	73700/71599	Calloway Gallup/Basin Dakota
Property Code	Property Name	Well Number
7366	Nye	17
OGRID No.	Operator Name	Elevation
14538	MERIDIAN OIL INC.	5925'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	30 N	11 W		1860	South	1110	West	S.J.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

13 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160-W/322.20			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Not resurveyed, prepared from a plat dated 12-30-80 by Fred B. Kerr, Jr.	1110'	0481	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <u>Peggy Bradfield</u> Printed Name <u>Peggy Bradfield</u> Title <u>Regulatory Administrator</u> Date <u>4-2-96</u>

April 12, 1996

OPERATIONS PLAN

Well Name: Nye #17
Location: 1860' FSL, 1110' FWL Section 1, T-30-N, R-11-W
 San Juan County, NM
 Latitude 36° 50.3, Longitude 107° 56.8
Formation: Basin Dakota
Elevation: 5925' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1092'	
Ojo Alamo	1092'	2120'	aquifer
Fruitland	2120'	2475'	gas
Pictured Cliffs	2475'	3551'	gas
Otero Chacra	3551'	4098'	gas
Massive Cliff House	4098'	4688'	gas
Point Lookout	4688'	6019'	gas & hydrocarbons
Gallup	6019'	6768'	gas
Greenhorn	6768'	6817'	
Graneros	6817'	6950'	
Dakota	6950'		gas
Total Depth	7300'		

NOTE: This well was drilled and completed in 1981 as a Gallup with a total depth of 7126'. The well will be drilled to a new total depth of 7300' and completed in the Dakota. The Gallup will be plugged and abandoned.

It is intended to plug and abandon the Gallup formation, sidetrack and complete the Dakota formation. A cement retainer will be set at 6100' above the Gallup perforations. The perforations will be squeezed with Class "B" cement. A whipstock will be set in the 5 1/2" casing at 5900'. A 4 3/4" hole will be drilled to a new total depth of 7300'. A 3 1/2", 9.3#, K-55 liner will be run in the well from 5900-7300'. The liner will be cemented with 115 sx Class "B" 50/50 Poz with 0.3% Halad-344, 0.25 pps celloflake. The Dakota formation will be selectively perforated and fracture treated. A string of tubing will be run in the well, and the well returned to production.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
4 3/4"	5800' - 7300'	3 1/2"	9.3#	K-55

Tubing Program:

0' - 7300' 2 3/8" tubing

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

